

SCC-JCC 2025 Program

Sunday 21 December 2025	
14.00 - 17.00	Registration and Check in
17.00 - 17.30	Opening Ceremony
17.30 - 18.15	Plenary Lecture 1 Jesús CANALES-VÁZQUEZ Chair: Adel MEGRICHE. <i>University of Castilla-La Mancha, Albacete, Spain</i> Low cost 3D-printing of Materials for Energy Applications: Li-ion batteries and SOFCs
18.15 - 19.00	Plenary Lecture 2 Jason LOVE Chair: Mohamed Taieb BEN DHIA <i>University of Edinburgh, Edinburgh, UK</i> Chemical Solutions for Recycling Metals from Electronic Waste
19.00	Dinner
20.00 - 23.00	WORKSHOP ON RIETVELD REFINEMENT Workshop animated by Professor Habib BOUGHZALA Technical training course on Rietveld refinement in solid-state materials using X-ray diffraction Detailed program at the end of this document.

Monday 22 December 2025 (Morning)						
09.00 - 09.45	Plenary Lecture 3 Gillian REID Chair: Mohamed Abderrahmane SANHOURY <i>School of Chemistry and Chemical Engineering, University of Southampton, UK</i> Electrodeposition of 2D Transition Metal Dichalcogenide Semiconductors Using Single Source Precursors					
09.45 - 10.30	Plenary Lecture 4 Alessandro CASELLI Chair: Nizar BELLAKHAL <i>University of Milan, Italy</i> Sustainable Catalysis via Iron and Zinc Complexes: from Photochemical Reactivity to Tunable Metallate Systems					
10.30- 11.30	Poster Session 1 (P 1 - P 28) Alphabetical Order Evaluators: Imen ABDELHEDI & Jesús CANALES-VAZQUEZ					
	Oral Communications - Session 1					
	Room A - Chair: Béchir CHAOUACHI		Room B - Chair: Fathi TOUATI		Room C - Chair: Rym ABIDI	
	Com.	Communicating Topic A - D	Com.	Communicating Topic B - J	Com.	Communicating Topic Coord.
11.30 - 11.45	OC-01A	AROUA Nourhene	OC-01B	BEN AMOR Sarra	OC-01C	AKREMI Narmine
11.45- 12.00	OC-02A	BEN AMOR Wala	OC-02B	BOUHAJEB Oumayma	OC-02C	DHIFET Mondher
12.00 - 12.15	OC-03A	BEN SOLTAN Wissem	OC-03B	KTIFA Skander	OC-03C	MAJDOUB Sarra
12.15 - 12.30	OC-04A	JEBALI Sami	OC-04B	HAMRAOUI Khouloud	OC-04C	MOHAMED Hayder
13.00	Lunch					

Monday 22 December 2025 (Afternoon)						
14.30 - 15.15	Plenary Lecture 5 Mohammad Khaja NAZEERUDDIN Chair: Ridha Ben SALEM <i>Swiss Federal Institute of Technology, Lausanne, Switzerland</i> The Influence of Additive-Engineering and Charge Transporting Layers in Perovskite Solar Cells					
	Oral Communications - Session 2					
	Room A - Chair: Mahmoud CHEMINGUI		Room B - Chair: Abderrahmen GUESMI		Room C - Chair: Thouraya BARHOUMI	
	Com.	Communicating Topic D	Com.	Communicating Topic C - J	Com.	Communicating Topic Coord
15.15 - 15.30	OC-05A	HAMROUNI Abdessalem	OC-05B	LABIADH Houcine	Keynote: 15.15 - 15.40	Valentina PIROVANO <i>University of Milan, Italy</i> Unlocking Multifaceted Chirality through Gold-Catalyzed Enantioselective Transformations
15.30 - 15.45	OC-06A	LABIADH Lazhar	OC-06B	SOUEMTI Ahmed		
15.45 - 16.00	OC-07A	MANSOURI Badreddine	OC-07B	TOUBANE Amel	OC-05C	ACHECH Amel
16.00 - 16.15	OC-08A	LANSARI Imane	OC-08B	MEKAHLIA Leila	OC-06C	GHARIANI SYRINE
16.15 - 17.15	Coffee break + Poster Session 2 (P 29 - P 56) Alphabetical Order Evaluators: Mohamed Mehdi RAMMEH & Gilles LÉRONDEL					
	Oral Communications - Session 3					
	Room A - Chair: Haykel GALAI		Room B - Chair: Mohamed BELHOUCHE		Room C - 17.00 - 23.00	
	Com.	Communicating Topic C - D	Com.	Communicating Topic B, G, Coord	WORKSOP ON RIETVELD REFINEMENT Workshop animated by Professor Habib BOUGHZALA Technical training course on Rietveld refinement in solid-state materials using X-ray diffraction Detailed program at the end of this document.	
17.15 - 17.30	OC-09A	MEJRI MARS Alma	OC-09B	MADDOURI Alaeddin		
17.30 - 17.45	OC-10A	SALHI Sourour	OC-10B	WALHA Sandra		
17.45 - 18.00	OC-11A	NAIFAR Amine	OC-11B	MESSAOUDI Olfa		
18.00 - 18.15	OC-12A	HAJJI Melek	OC-12B	DJOUDI Ferhat		
19.00	Dinner					

	Tuesday 23 December 2025 (Morning)					
09.00 - 09.45	Plenary Lecture 6 Anne-Marie CAMINADE Chair: Houcine AMMAR <i>Research Director in CNRS, Coordination Chemistry Laboratory, Toulouse, France</i> Phosphorus dendrimers for the functionalization of materials and as soluble supports of coordination complexes					
09.45 - 10.30	Plenary Lecture 7 Gilles LÉRONDEL Chair: Rached BEN HASSEN <i>University of Technology of Troyes, France</i> Chemistry based sustainable nanophotonics					
10.30 - 11.30	Poster Session 3 (P 57 - P 84) Alphabetical Order <u>Evaluators:</u> Halim Hammi & Aicha Beya MAMMERIA					
	Oral Communications - Session 4					
	Room A - Chair: Kais ANTAR		Room B - Chair: Mohamed ABDELHEDI		Room C - Chair: Nejib MEKNI	
	<i>Com.</i>	<i>Communicating Topic D - E</i>	<i>Com.</i>	<i>Communicating Topic F, H, J</i>	<i>Com.</i>	<i>Communicating Topic Coord</i>
11.30 - 11.45	OC-13A	DHIEB Sihem	OC-13B	FATTOUM Arbi	OC-07C	TOUMIA Hiba
11.45 - 12.00	OC-14A	HADDAD Larbi	OC-14B	BEN SLIMEN Aya	OC-08C	BELLALI Saher
12.00 - 12.15	OC-15A	MASMOUDI Amani	OC-15B	BEN AMMAR Nour Elhouda	OC-09C	EL GHARBI Safa
12.15 - 12.30	OC-16A	HADDED Rahma	OC-16B	VALERA-JIMÉNEZ José Fernando	OC-10C	ELAOUITI Sahbia
13.00	Lunch					

Tuesday 23 December 2025 (Afternoon)						
14.30 - 15.15	Plenary Lecture 8 Hédi MATTOUSSI Chair: Latifa LATROUS Florida State University, USA Interfacial manipulation and control of colloidal nanomaterials via coordination chemistry					
	Oral Communications - Session 5					
	Room A - Chair: Mostafa KOLLI		Room B - Chair: Walid REKIK		Room C - Chair: Fatma ZOUARI	
	Com.	Communicating Topic E	Com.	Communicating Topic A, B, G, K	Com.	Communicating Topic Coord
15.15 - 15.30	OC-17A	SNOUSSI Aziza	OC-17B	HAJJI Asma	OC-11C	GUEBEBIA Salma
15.30 - 15.45	OC-18A	ESSALEM Soulef	OC-18B	FATNASSI Ameni	OC-12C	HALLAB Wissem
15.45 - 16.00	OC-19A	MARS Abdelmoneim	OC-19B	CHELLI Chaima	OC-13C	AGOUILLAL Farid
16.00 - 16.15	OC-20A	KETIR Wahiba	OC-20B	BESKRI Ali	OC-14C	MOUSSA Marwa
16.15 - 17.15	Coffee break + Poster Session 4 (P 85 - P 110) Alphabetical Order Evaluators: Semy BEN CHAABENE & Makki ABDMOULEH					
	Oral Communications - Session 6					
	Room A - Chair: Abdelmoneim MARS			Room C - 17.00 - 23.00		
	Com.	Communicating Topic J	WORKSOP ON RIETVELD REFINEMENT Workshop animated by Professor Habib BOUGHZALA Technical training course on Rietveld refinement in solid-state materials using X-ray diffraction Detailed program at the end of this document.			
17.15 - 17.30	OC-21A	AJARI Hanene				
17.30 - 17.45	OC-22A	AMAIRIA Wahiba				
17.45 - 18.00	OC-23A	AOULED ABDALLAH Marwa				
18.00 - 18.15	OC-24A	BAABOURA Ghaya				
19.00	Dinner					

Wednesday 24 December 2025 (Morning)						
09.00 - 09.45	Plenary Lecture 9 Mohamed BOUOUDINA Chair: Mustapha HIDOURI Prince Sultan University, Riyadh, KSA Hydrogen Powering the Future. Global Energy Solutions					
	Oral Communications - Session 7					
	Room A - Chair: Souhaira HBAIEB		Room B - Chair: Fouad FERKOUS.		Room C - Chair: Saoussen CHERNI	
	Com.	Communicating Topic C, E, G, I	Com.	Communicating Topic F, G, J, Coord	Com.	Communicating Topic Coord
09.45 - 10.00	OC-25A	MANGA Moise	OC-21B	MOUMEN Youssra	OC-15C	FLISS Outaf
10.00 - 10.15	OC-26A	AMMARI Hanen	OC-22B	BOUHARB Narjess	OC-16C	GASSOUMI Bouzid
10.15 - 10.30	OC-27A	CHEMEK Mourad	OC-23B	BOUAZIZI Ikram	OC-17C	ZOUAGHI Mohamed Oussama
10.30 - 10.45	OC-28A	ABDELAZIZ Balkis	OC-24B	MANCER Daya	OC-18C	DIAKHATE Aichetou
10.45 - 11.00	OC-29A	ACHOUR KHEDHIRI Arwa	OC-25B	CHAKER Hanen	OC-19C	BEN ABID Halima
11.00 - 11.45	Plenary Lecture 10 Essebti DHAHRI Chair: Mohamed DAMMAK Faculty of Science of Sfax, University of Sfax, Tunisia Impact of Preparation Method on the Functional Properties of Metal Oxides for Technological Applications					
11.45	Closing Ceremony Remarks and Best Posters Awards					
12.00	Lunch					

List of Poster Communications (Alphabetically sorted)

Communicating's Name & Title of Abstract	Ref
ABDELAZIZ Balkis Unveiling the structure-property relationships of nitrothiophenes: Amino substitution as a key to tunable optoelectronic and nonlinear optical behavior	PC 01
ACHECH Amel Enhancing LIG-MOF supercapacitors performance through double pass laser processing	PC 02
AGOULLAL Farid In silico selection and Docking evaluation of natural ligands from Ricinus communis methanolic extract for antimicrobial applications	PC 03
AICHI Mohammed Investigation of Silyl Cation-Lewis base complexes: Structural features and stability via DFT and NBO analysis	PC 04
AKREMI Narmine Structure-guided crystallisation of phosphotungstate Keggin anions with guanidinium: A multitechnique characterisation and photoredox study	PC 05
ALHEETY Nuaman Hydrogen storage studies of nanocomposites derived from O-ethyl-S-((5-methoxy-1H-benzo[d]imidazol-2-yl)carbonothioate (OESMBIC) with ZnO	PC 06
AOUNA Rania In silico investigation of the anti-scabies activity of Tea tree essential oil	PC 07
AOUNI Anissa Characterization and synthesis of a nanocarbon nanomaterial-based electrodes for use in an electrochemical process in water treatment	PC 08
ATIG Sirine Hydrothermal synthesis of monoclinic WO ₃ nanorods on FTO substrates	PC 09
AYACHE Hayat Effect of Lu ³⁺ ion content on the garnet phase stability and photoluminescence properties of GAG:Ce	PC 10
BAABOURA Ghaya Copper-based magnetic nanocomposites for antibacterial applications	PC 11
BARHOUMI Houcine A novel Fe ₂ O ₃ @DCTA-Ag nanocomposite sensor for sensitive lead (Pb ²⁺) detection: Applications in environmental and food monitoring	PC 12
BELAROU Lala Setti Interaction of bioactive substance with Algerian palygorskite	PC 13
BELKAFOUF Nour El Houda Theoretical investigation of new functional materials for optoelectronic devices	PC 14
BEN GHALIA Sana Photocatalytic zinc-based metal-organic frameworks for selective oxidation of biomass-derived molecules	PC 15
BEN JANNET Dorra From Posidonia oceanica to cellulose nanocrystals: Extraction, characterization, and perspectives for temperature sensor applications	PC 16
BEN KAMEL Karim Synthesis and characterisation of a new sensor for oxytetracycline detection	PC 17
BEN MANSOUR Nabil Effect of nickel and manganese oxides on properties of a carbon matrix based on pyrogallol-formaldehyde	PC 18
BEN REBAH Faouzi Textile dye decolorization using magnetic chitosan nanocomposite - Immobilized manganese peroxidase	PC 19
BEN SALEM Wafa Treatment of textile industry wastewater using adsorption techniques through the application of biological materials	PC 20
BEN SGHAIER Rafika Electrochemical monitoring of ammonium in aquaponic systems using modified hydrochar electrode	PC 21
BEN SOLTAN Wissem Design a new ZnO/ZnWO ₄ photocatalysts for high effective degradation of organic compounds under UV-light irradiation: Photocatalytic mechanisms	PC 22
BENOSMANE Nadjib Ultrasound-assisted synthesis of pyrandione derivatives via p-toluenesulfonic acid: Ligand properties and metal coordination	PC 23
BENREGGA Fatima Zohra The conversion of Walnut shells (Juglans regia) biomass into activated carbon	PC 24
BOUAZIZI Ikram Cytotoxicity study and mechanical tests of Bioscaffolds based on Hydroxyapatite with "native" and "degraded" chitosan using a Crosslinker	PC 25
BOUBEGRA Naima Molecular docking analysis on a comparison of two bioactive compounds: DMACB and DNBP.	PC 26
BOUKEMARA Lamia Improvement of iron oxyhydroxides by ultrasound-assisted synthesis, study of phosphate removal in aqueous solutions	PC 27
BRAHMI Lamia Élaboration et caractérisation d'un charbon actif microporeux issu de noyaux de dattes sauvages	PC 28
CHEKROUN Nassima Development and characterization of CTS-HEC films with enhanced antioxidation properties	PC 29
CHERIF Saïda Fatma Ac conductivity and modulus behavior of K _{0.12} Na _{0.54} Ag _{0.34} Nb ₄ AsO ₁₃ compound	PC 30
CHERNI NAMOUCHI Saoussen Elaboration, structural study and biological activity of a new cobalt complex	PC 31
CHIBI Souaad Ecological process for deinking of waste paper and synthesis of carboxymethylcellulose (CMC) using ultrasound treatment and bio-based surfactants	PC 32
CHNITI Riadh Effect of cobalt addition on the electrochemical response of copper sulfides and their application as electrode materials for supercapacitor	PC 33

Communicating's Name & Title of Abstract	Ref
CHOUCHANE Mohamed Amine Grafting of β -cyclodextrin polymers onto lignocellulosic materials for simultaneous removal of Triclosan and Paracetamol from water	PC 34
DALY Rakia Degradation of acid orange in contaminated water using mechanically alloyed FeCoNi catalyst and organic matter removal by coffee grounds	PC 35
DHIEB Sihem Efficient cadmium removal by bioadsorbents	PC 36
DHIFET Mondher Synthesis, X-ray crystallography, spectroscopic characterization of a new hybrid compound: Tris(2,2'-bipyridine) chloride manganese(I)	PC 37
DJELLOULI Amir The adsorption of nitrophenol in fixed-bed columns and in batches using cheap activated carbon	PC 38
DJOUAMA Hanane Theoretical study of the optical properties of material BaTiO_3	PC 39
ELAOUITI sahbja Herbicidal activity of Eucalyptus aqueous extracts against <i>Leucaena leucocephala</i>	PC 40
ELHLELI Hanadi Carvacrol-based antioxidant cream formulated with <i>Thymus vulgaris</i> essential oil	PC 41
ELLEUCH Slim Solid state experimental and theoretical studies of a new nickel-based material properties	PC 42
ELLOUMI Abir Green approach to Catechol detection via CuO@PANI -based electrochemical sensor	PC 43
ESSALEM Soulef Sol-gel synthesis and characterization of $\text{Na}_4\text{Co}_7(\text{AsO}_4)_6$ for visible-light photocatalytic hydrogen production	PC 44
FERKOUS Fouad Conception de nouveaux inhibiteurs anticancéreux du VEGFR2 à l'aide de la modélisation pharmacophorique et 3D-QSAR : Pertinence pour la chimie de coordination	PC 45
GANNOUN Chiraz Influence of ceria addition in TiO_2 and $\text{TiO}_2\text{-ZrO}_2$ aerogel materials on the textural, structural and catalytic properties of supported vanadia in chlorobenzene oxidation	PC 46
GATWANI Mouna Towards designing a sandwich-based lateral flow immunoassay to detect F17-Positive <i>Escherichia coli</i>	PC 47
HABA Hamada Synthesis and computational studies of the homonuclear complex and biological evaluation	PC 48
HACHICHA Maha Imidazole-based ionic liquid: Synthesis and study of its performance as an electrolyte.	PC 49
HADDED Rahma Natural iron oxides as sustainable adsorbents for phenol removal and regeneration via Photo-Fenton process	PC 50
HAFFAF Wissem Synthesis and characterization of PMMA-based nanocomposites reinforced with SDS-modified MgAl -layered double hydroxide (LDH)	PC 51
HAJLAOUI Oumaima Synergistic adsorption-photocatalysis for phenol degradation using S-g- $\text{C}_3\text{N}_4/\text{MnO}_2$ ternary composites	PC 52
HALLAB Wissem Simple, low-cost, ultra-sensitive electrochemical platform for clinical monitoring of kidney molecules	PC 53
HAMMED Chaima Role of long-chain carboxylate ligands in glycerol dehydrogenation catalyzed by Co decorated nanoparticles	PC 54
HASNAOUI Leila Excel template for measurement uncertainty evaluation using the GUM approach: Average mass and uniformity tests for solid dosage forms	PC 55
HASSINE Khaoula Design of a fluorescent chitosan-derived biomaterial incorporating triazole moieties for the selective sensing of aluminum ions in aqueous environments.	PC 56
HEMIDI Yasmine Photocatalytic degradation of methylene blue using a TiO_2 -ferrite-Graphene oxide nanocomposite	PC 57
HOSNI Nabil Advanced zinc ferrite thin films: From development to applications	PC 58
HOUCHATI Mohamed Ikbal Comparative study of pure and multi-cation lithium phosphates with carbon coating: Structure, morphology, and electrochemical properties	PC 59
HRIZ Khaled Chitosan with π -conjugated units based on triazole in the side chain as a fluorescence sensor for Cd^{2+} cations in aqueous media.	PC 60
JANDOUBI Imen One-step electrodeposition of $\text{MFe}_2\text{O}_4/\text{TMD}$ heterostructures as bifunctional electrodes for overall water splitting	PC 61
JRAD Fatouma Modified pectin from <i>Mespilus germanica</i> leaves as a high-efficiency, eco-friendly corrosion inhibitor for mild steel	PC 62
KAMOUN Nesrine Multifunctional cellulose composite adsorbent for high-efficiency Congo red removal	PC 63
KHADHRI Nisrine Green synthesis of iron oxide nanoparticles from orange peel extract	PC 64
KHEBICHAT Naouel Computational and biochemical investigation of IDO1 inhibition by synthetic and natural compounds	PC 65
KOLLI Mostafa Optimization of MgAl_2O_4 spinel synthesis from dissolution solutions of waste aluminum dross and dolomite	PC 66
LABIADH Houcine Photocatalytic activity of Gd-doped ZnS multifunctional nanomaterials	PC 67
LABIADH Lazhar Facile synthesis of a novel $\text{FeS}_2/\text{BC}/\text{TiO}_2$ composites for enhanced RhB removal from aqueous solution	PC 68
LABIDI Aymen Synthesis, characterization, DFT and molecular docking study of a potential antiviral drug, the 6-methoxylated derivative of favipiravir	PC 69
LANDOLSI Kamel A new nickel(II) iminopyridine complex: Synthesis, characterization, and computational exploration for catalytic and drug design potential	PC 70

Communicating's Name & Title of Abstract	Ref
LANSARI Imane Comparaison des performances du chitosane et du chitosane modifié dans l'adsorption d'un colorant textile	PC 71
LARBI Tarek Thorough DFT design of 2D single and multilayers and 1D zigzag (n,0) single walled nanotube platinum disulfide (PtS ₂)	PC 72
LEKMINE Farid Impact of Saccharin and SDS additives on the microstructural and surface characteristics of Ni-Fe alloy coatings	PC 73
LOUIZ Sonia Synthesis and biological application of new pyrazolo-triazaphosphorin-2-oxide derivatives	PC 74
MACHERKI Ameni Characterization and functional evaluation of a polysaccharide extracted from Illicium verum as a sustainable bio-based material	PC 75
MANCER Daya Green synthesis and characterization of metal oxide nanoparticles using medicinal plant extracts: A sustainable approach for functional nanomaterials	PC 76
MANCER Daya Characterization of powders properties for optimizing tablet compression and performance	PC 77
MECHI Amani Valorization of Citrus waste: Green synthesis of SmFeO ₃ nanoparticles for water remediation and crop development	PC 78
MEDDEB-LIMEM Sondas Theoretical investigation of the vibrational spectroscopic signatures of Glyphosate dimers: Unified assignment method of IR spectra in gas and condensed phase	PC 79
MEJRI Ghofrane Functionalized cobalt-based metal-organic framework as an efficient electrocatalyst for water splitting	PC 80
MEKAHLIA Leila Eco-designed hydroxyapatite-magnetite nanocomposites mediated by carbohydrates: Biofunctional characterization and potential for biomedical applications.	PC 81
MELIANI Samiha Analyse chimique de la composition de l'extrait de l'alaterne Rhamnus alaternus famille de Rhamanaceae	PC 82
MENTAR Loubna Enhanced properties of semiconducting ZnO nanorods for potential energy applications	PC 83
MOUMEN Youssra Synthesis and photophysical characterization of a novel triazole-based p-phenylenevinylene organic material	PC 84
NAGAZI Ichraf Non-centrosymmetric hybrid selenomolybdate for advanced optical applications: A combined crystallographic and theoretical study	PC 85
NAHDI Amira Bi ₂ WO ₆ /WO ₃ /g-C ₃ N ₄ ternary nanocomposite-modified glassy carbon electrode for sensitive photo-electrochemical detection of dopamine	PC 86
OMRI Khaoula Synthesis of chromium Doped g-C ₃ N ₄ /CeO ₂ with enhanced visible-light photocatalytic Levofloxacin degradation	PC 87
OUAAD Kamal Synthesis and characterization of binary and ternary composites based on organic polymers/transition metals. Study of electrochemical behavior	PC 88
RAHALI Emna Computational design of an amino-functionalized MOF for the mitigation of greenhouse and toxic gas emissions	PC 89
RAHMANI Abdellatif Oilfield produced water treatment using the microalgae Chlorella pagnoladosa and biofuel production	PC 90
RIAHI Mouna Effect of flame retardants on the thermal and mechanical properties of PVC	PC 91
SAHEL Salha Optical properties of Thue-Morse quasi-periodic one-dimensional photonic crystals	PC 92
SAID Khemais Mechanism and selectivity of synthesis nanometallic with Pd-Ni@2-mercaptoethanol as effective catalyst for Suzuki-Miyaura reactions	PC 93
SAID Senda Improvement of dielectric properties of nickel-doped calcium and copper titanate ceramics	PC 94
SAID Senda Study of the structural and dielectric properties of CaCu ₃ Ti ₄ O ₁₂ -based oxides	PC 95
SAIDI Lamia Promising multifunctional doped BiFeO ₃ nanoparticles: Impact of partial multi-substitution on structural transformation	PC 96
SAOUDI Mongi Application of eco-friendly plant-based flocculants for sustainable sludge dewatering	PC 97
SLIMI Marwa Structural, morphological and dielectric properties of Ba ₂ (Mn,Re) ₂ O ₆ double perovskite for thermoelectric applications	PC 98
SOURY Raoudha Amino functionalization of tin(IV)-porphyrinic complex for the adsorption process	PC 99
SOURY Raoudha Oxidative degradation of dyes using manganese porphyrinic complex	PC 100
TABCHOUCHE Ahmed Extraction des métaux lourds des eaux polluées par d'un nouveau composé PVC 4000 M – amine aliphatique primaire	PC 101
TOUMIA Hiba Synthesis and structural characterization of isoreticular Cu-MOFs constructed from NDI and PDI linkers	PC 102
WALHA Sandra Structural analysis and biological assessment of a novel zwitterionic cadmium complex with antioxidant, antidiabetic, and anti-inflammatory activities	PC 103
WANNASSI Jassem Eco-friendly electrochemical detection of catechol using CuO@polyaniline nanocomposite: Performance study	PC 104
YACOUB Amira Catalytic degradation of triclosan using Fe/ZrO ₂ and Fe-Co/ZrO ₂ systems	PC 105
YAHYAOU Amira Chemical analysis and evaluation of biological activities of a flavonoid-enriched fractions	PC 106

Communicating's Name & Title of Abstract	Ref
ZENDAH Houda Green approach to water purification: Development of a bio-based adsorbent	PC 107
ZEROR Saoussen Eco-compatible biocatalytic synthesis of (R)-linalyl acetate: Application of response surface methodology and Box-Behnken design.	PC 108
ZIDANI Chafika Development of a novel design of solar furnace supplied by optical fibers	PC 109
ZOBEIDI Naoual Étude électrochimique des propriétés électrocatalytiques d'un complexe de manganèse-base de Schiff pentadentée	PC 110

T O P I C S	A	Innovation in Synthesis and Preparation Advances in solid-state materials synthesis, new solids, and compounds Preparation and synthesis of new inorganic solids	G	Functional, Sustainable, and Emerging Materials Functional materials Sustainable, emerging and biomaterials
	B	Characterization and Optical Properties Advances in characterization of solid-state materials properties Photonic and optical properties of solids	H	Advances in Glasses, Ceramics, and Polymers
	C	Computation, Modeling, and Next-Generation Devices Computation and theoretical aspects Design, modelling and device fabrication	I	Metals and Alloys: Properties and Applications
	D	Catalysis and Environmental Applications Catalysis, environment	J	Nanomaterials, Nanocomposites, and Hybrid Structures Nanomaterials, nanocomposites and microporous/mesoporous materials Surfaces, interfaces, hybrid, and nanostructured solids
	E	Materials for environmental protection	K	Thin Films and Deposition Techniques
	F	Energy Materials for a Sustainable Future Energy and sustainable materials Materials for renewable energy production and storage	L	Electrochemistry and Corrosion Science in Solids

Joint Conference SCC-JCC 2025 | Workshop Rietveld

Programme du 21 au 23 décembre 2025

 Animateur : **Pr. Habib Boughzala**

Horaire	Dimanche 21 décembre	Lundi 22 décembre	Mardi 23 décembre
17.00 – 19.00		Identification des phases. Analyse de la pureté d'une phase. Outil : QUALX	Détermination des taux de substitution (TS) Outil : EXPO Exemple 1, 2, 3
19.00 - 20.00	Diner	Diner	Diner
20.00 - 21.30	Installation des logiciels : EXPO, POWDLL & QUALX Installation des données de traitement Installation de la base des données COD_database	Indexation - Pattern matching. Outil : EXPO Exemple 1, 2	TS & QPA. Outil: EXPO
21.30 - 21.45	Break	Break	Break
21.45 - 23.00	Découverte d'un diffractogramme. Outil : EXPO	Analyse Quantitative des Phases (QPA). Outil: EXPO Exemple 1, 2, 3	Questions particulières des participants Evaluation et clôture